

2623

Attorney's Docket No. 074451.P042X2

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Edward L. Schwartz

Application No.: 09/704,991

Filed:

11/01/2000

For: Reversible Embedded Wavelet System

Implementation

Examiner: Jingge Wu

Art Unit:

2623

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APR 1 6 2004

Technology Center 2600

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04/16/2004 SSESNE1 00000064 0920491

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Application No.: 09/704,991

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Docket No.: 074451.P042X2

Pursuant to 37 C.F.R. § 1.97, the submission of this Information

Disclosure Statement is not to be construed as a representation that a search

has been made and is not to be construed as an admission that the information

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Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

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If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 46, 204

Michael J. Mallie Reg. No. 36,591

12400 Wilshire Blvd. Seventh Floor Los Angeles, CA 90025 (408) 720-8300

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Application Number	09/704,991					
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First Named Inventor:	Edward L. Schwartz					
Art Unit	2623					
Examiner Name	Jingge Wu					
Attorney Docket Number	074451.P042X2					

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Application Number	09/704,991				
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First Named Inventor:	Edward L. Schwarz C - V - D				
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Filing Date	11/01/2000					
First Named Inventor:	Edward L. Schwarz CEVE					
Art Unit	2623					
Examiner Name	Jingge Wu APR 1 6 2004					

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074451.P042**2chnology Center \$600 of **Sheet** 8 8 Attorney Docket Number NON PATENT LITERATURE DOCUMENTS T² Examiner Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Initials* No¹ item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published SHAH, et al., "A Chip Set for Lossless Image Compression", IEEE Journal of Solid-State Circuits, Vol. 26, No. 3, March 1991, pp. 237-244. SHAPIRO, J. M., "An Embedded Hierarchical Image Coder Using Zerotrees of Wavelet Coefficients", IEEE, 1993, pp. 214-223. SHAPIRO, J. M., "Embedded Image Coding Using Zerotrees of Wavelet Coefficients", IEEE Transactions on Signal Processing, 12/93, No. 12, pp. 3445-3462. SMITH, et al., "Exact Reconstruction Techniques for Tree-Structured Subband Coders", IEEE Transactions on Acoustics, Speech, and Signal Processing, Vol ASSP-34, No. 3, June 1986, pg. 434-441. STOFFEL, et al: "A Survey Of Electronic Techniques For Pictorial Image Reproduction." IEEE Transactions On Communications, vol. COM-29, no. 12, December 1981, pp. 1898-1925, XP000560531 IEEE, New York (US). SZU, et al., "Image Wavelet Transforms Implemented by Discrete Wavelet Chips", Optical Engineering, July 1994, Vol. 33, No. 7, pp.2310-2325. VETTERLI, Martin, "Filter Banks Allowing Perfect Reconstruction", Signal Processing 10 (1986), pg. 219-244. VETTERLI, Martin, "Multi-Dimensional Sub-band Coding: Some Theory and Algorithms", Signal Processing 6 (1984) pg. 97-112. VILLASENOR, et al., "Filter Evaluation and Selection in Wavelet Image Compression". IEEE, 1994, pp. 351-360. WESTERNICK, et al., "Proceedings: ICASSP 87", 1987 International Conference on Acoustics, Speech, and Signal Processing, April 6, 7, 8, 9, 1987, Volume 3 of 4, "Sub-band coding of Images Using Predictive Vector Quantization", p. 1378-1381. WOODS, "Subband Image Coding", 1991, pages 101-108, 163-167, and 180-189. WOODS, et al., "Subband Coding of Images", IEEE Transactions on Acoustics, Speech. and Signal Processing, Vol. 1 ASSP-34, No. 5, October 1986, pp. 1278-1288. WOODS, et al., "Sub-band coding of Images", Proceedings ICASSP 86, Tokyo, Japan, April 1986, p. 1005-1008. WU, et al., "New Compression Paradigms in JPEG2000", Applications of Digital Image Processing XXIII, San Diego, CA USA, July 31-Aug 3, 2000, vol. 4115, pp. 418-429, XP008013391, Proceedings of the DPIE - The International Society for Optical Engineering. 2000, SPIE-Int. Soc. Opt. Eng., USA. XIONG, et al., "Joint Optimization of Scalar and Tree-structured Quantization of Wavelet

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